Contents of volume 10

No 1: pp 1–54 published 22.05.1991
No 2: pp 55–110 published 20.06.1991
No 3: pp 111–160 published 20.06.1991
No 4: pp 161–216 published 12.07.1991
No 5: pp 217–272 published 22.08.1991
No 6/7: pp 273–374 published 20.09.1991
No 8: pp 375–430 published 14.10.1991
No 9: pp 431–480 published 31.10.1991
No 10: pp 481–536 published 29.11.1991
No 11: pp 537–590 published 10.12.1991
No 12: pp 591–636 published 28.01.1992

Abou-Mandour AA → Haaß D
Acuna JR, Pena M de: Plant regeneration from protoplasts of embryogenic cell suspensions of *Coffea arabica* L. cv. caturra 345
Adachi T → Kishima Y
Adler K → Tewes A
Aimers-Halliday J → Chang S
Akashi R → Kishima Y
Alibert G → Burrus M
Alibert G → Rouan D
An G → Gao J
Andre P → Pochet B
Anwar SY → Rajendra Prasad B
Arakawa O → Hatanaka T
Archambault J → Carrier D-J
Arcioni S → Damiani F
Arcioni S → Piccirilli M
Armstrong CL → Petersen WL
Arnold S von → Jalonen P
Arroyo R, Revilla MA: In vitro plant regeneration from cotyledon and hypocotyl segments in two bell pepper cultivars 414
Arya S, Liu JR, Eriksson T: Plant regeneration from protoplasts of *Panax ginseng* (C. A. Meyer) through somatic embryogenesis 277
Ashri A → Tepper T
Atanassov A → Denchev P
Atkinson RG, Gardner RC: *Agrobacterium*-mediated transformation of pepino and regeneration of transgenic plants 208
Austin Burns J, Schwarz OJ, Schlarbaum SE: Multiple shoot production from seedling explants of slash pine (*Pinus elliottii*, Engelm.). 439

Bagga S, Dharma A, Phillips GC, Kuehn GD: Evidence for the occurrence of polyamine oxidase in the dicotyledonous plant *Medicago sativa* L. (alfalfa) 550
Bailey LM → Goldfarb B
Balestrazzi A, Bernacchia G, Cella R, Ferretti L, Sora S: Preparation of high molecular weight plant DNA and its use for artificial chromosome construction 315
Banister S → Gould J
Barfield DG, Pua E-C: Gene transfer in plants of *Brassica juncea* using *Agrobacterium tumefaciens*-mediated transformation 308
Barg R, Shabtai S: Reduced intracellular content of methotrexate an isolated MTX-resistant cell line of *Nicotiana plumbaginifolia* 269
Barz W → Weidemann C
Baset A, Finch RP, Cocking EC: Plant regeneration from protoplasts of wild rice (*Oryza rufipogon* Griff.) 200
Bassi M → Branca C
Baumann TW → Neuenschwander B
Beckert M → Gaillard A
Bernacchia G → Balestrazzi A
Beversdorf WD → Senaratna T
Bhat SR, Chandel KPS: A novel technique to overcome browning in tissue culture 358
Bidney D → Burrus M
Blaas J → Verhoeven HA
Blaschek W → Haaß D
Blaschek W → Wozniewski T
Blowers AD → Hagio T
Bonnema AB, O'Connell MA: Molecular analysis of the nuclear and organellar genotype of somatic hybrid plants between tomato (*Lycopersicon esculentum*) and *Lycopersicon chilense* 629
Bornman CH → Schenk N
Borrelli GM, Lupotto E, Locatelli F, Wittmer G: Long-term optimized embryogenic cultures in durum wheat (*Triticum durum* Desf.) 296
Bozak KR → Percival FW
Branca C, Ricci A, Fermi P, Bassi M: Activity of 1,2-benzisoxazole-3-one and indole-2,3-dione on plant regeneration in vitro and on cell elongation 498
Bregitzer P, Bushnell WR, Rines HW, Somers DA: Callus formation and plant regeneration from somatic embryos of oat (*Avena sativa* L.) 243
Bressan RA → Casas AM
Browse J → Márton L
Büter B, Schmid JE, Stamp P: Effects of L-proline and post-plating temperature treatment on maize (*Zea mays* L.) anther culture 325
Burkhart LF, Meyer M Jr: The gibberellin synthesis inhibitors, ancymidol and flurprimidol, promote in vitro rooting of white pine microshoots 475
Burrus M, Chanabe C, Alibert G, Bidney D: Regeneration of fertile plants from protoplasts of sunflower (*Helianthus annuus* L.) 161
Bushnell WR → Bregitzer P

Cacho M → Corchete MP
Calderón AA → Zapata JM
Cambecèdes J, Duron M, Decourtye L: Adventitious bud regeneration from leaf explants of the shrubby ornamental honeysuckle, *Lonicera nitida* Wils. cv. 'Maigrün': effects of thidiazuron and 2,3,5-triiodobenzoic acid 471
Candela M → Vázquez AM
Carbonero P → Diaz I
Carrier D-J, Chauret N, Mancini M, Coulombe P, Neufeld R, Weber M, Archambault J: Detection of ginkgolide A in *Ginkgo biloba* cell cultures 256
Casas AM, Bressan RA, Hasegawa PM: Cell growth and water relations of the halophyte, *Atriplex nummularia* L., in response to NaCl 81
Cass LG → Percival FW
Castelle J-C → Chraibi B Khalid M
Cella R → Balestrazzi A
Chamberlain D → Kennedy AH
Chanabe C → Burrus M
Chandel KPS → Bhat SR
Chandel KPS → Sharma N
Chang S, Sen S, McKinley CR, Aimers-Halliday J, Newton RJ: Clonal propagation of Virginia Pine (*Pinus virginiana* Mill.) by organogenesis 131
Charest PJ → Duchesne LC
Chauret N → Carrier D-J
Chen C-C → Kao Y-Y
Chénieux J-C → Trémouillaux-Guiller J
Choi PS → Min SR
Chraibi BKM, Latche A, Roustan J-P, Fallot J: Stimulation of shoot regeneration from cotyledons of *Helianthus annuus* by the ethylene inhibitors, silver and cobalt 204
Chraibi B Khalid M, Castelle J-C, Latche A, Roustan J-P, Fallot J: Enhancement of shoot regeneration potential by liquid medium culture from mature cotyledons of sunflower (*Helianthus annuus* L.) 617
Chrestin H → Nef C
Christoffersen RE → Percival FW
Cocking EC → Baset A
Corchete MP, Jimenez MA, Moran M, Cacho M, Fernandez-Tarrago J: Effect of calcium, manganese and lithium on growth and cardenolide content in cell suspension cultures of *Digitalis thapsi* L. 394
Cordeiro AR → Lacorte C
Coulombe P → Carrier D-J
Cvikrová M, Meravý L, Macháčková I, Eder J: Phenylalanine ammonia-lyase, phenolic acids and ethylene in alfalfa (*Medicago sativa* L.) cell cultures in relation to their embryogenic ability 251
Czygan FC → Haaß D

Damiani F, Arcioni S: Transformation of *Medicago arborea* L. with an *Agrobacterium rhizogenes* binary vector carrying the hygromycin resistance gene 300
Davey MR → Kumar V
Decourtye L → Cambecèdes J
Deimling S → Flehinghaus T
Denchev P, Velcheva M, Atanassov A: A new approach to direct somatic embryogenesis in *Medicago* 338
Deroles SC → Ledger SE
Dharma A → Bagga S
Dhir S → Dhir SK
Dhir SK, Dhir S, Hepburn A, Widholm JM: Factors affecting transient gene expression in electroporated *Glycine max* protoplasts 106

Dhir SK, Dhir S, Sturtevant AP, Widholm JM: Regeneration of transformed shoots from electroporated soybean (*Glycine max* (L.) Merr.) protoplasts 97
Dhir SK, Dhir S, Widholm JM: Plantlet regeneration from immature cotyledon protoplasts of soybean (*Glycine max* L.) 39
Diaz I, Carbonero P: Isolation of protoplasts from developing barley endosperm: a tool for transient expression studies 595
Dolcet-Sanjuan R, Mok DWS, Mok MC: Plantlet regeneration from cultured leaves of *Cydonia oblonga* L. (quince) 240
Dong J-Z, McHughen A: Patterns of transformation intensity on flax hypocotyls inoculated with *Agrobacterium tumefaciens* 555
Doran PM → Siah CL
Duchesne LC, Charest PJ: Transient expression of the β-glucuronidase gene in embryogenic callus of *Picea mariana* following microprojection 191
Ducrocq C → Sangwan RS
Dunbar KB, Stephens CT: Plant regeneration from callus-derived protoplasts of *Pelargonium* × *domesticum* 417
Dunbar LJ → Guri A
Duron M → Cambecèdes J
Duval Y → Touchet B de

Earle ED → Hagio T
Earle ED → Walters TW
Earle ED → Ye G-N
Eastman PAK, Webster FB, Pitel JA, Roberts DR: Evaluation of somaclonal variation during somatic embryogenesis of interior spruce (*Picea glauca engelmannii* complex) using culture morphology and isozyme analysis 425
Eder J → Cvikrová M
Ehling M → Lepetit M
Ellis BE → Mizukami H
Emons AMC, Kieft H: Histological comparison of single somatic embryos of maize from suspension culture with somatic embryos attached to callus cells 485
Eriksson T → Arya S
Espino FJ → Vázquez AM

Fahima M → Gould J
Fallot J → Chraibi BKM
Fallot J → Chraibi Khalid BM
Feirer RP, Simon PW: Biochemical differences between carrot inbreds differing in plant regeneration potential 152
Feng XR, Wolyn DJ: High frequency production of haploid embryos in asparagus anther culture 574
Fermi P → Branca C
Fernandez-Tarrago J → Corchete MP
Ferretti L → Balestrazzi A
Finch RP → Baset A
Finer JJ, Saxton RW, Norris BL, Steele JA, Rahnema S: Growth and disinfestation of 6 different bacteria in embryogenic suspension cultures of cotton 380
Flehinghaus T, Deimling S, Geiger HH: Methodical improvements in rye anther culture 397
Fraley RT → Newell CA
Franz G → Haaß D
Franz G → Wozniewski T
Freytag AH → Wrather JA
Fukui H → Hara M
Furze JM, Rhodes MJC, Parr AJ, Robins RJ, Whitehead IM, Threlfall DR: Abiotic factors elicit sesquiterpenoid phytoalexin production but not alkaloid production in transformed root cultures of *Datura stramonium* 111

Gaillard A, Vergne P, Beckert M: Optimization of maize microspore isolation and culture conditions for reliable plant regeneration 55
Gao J, Lee JM, An G: The stability of foreign protein production in genetically modified plant cells 533
García Puig D → Río JA del
Gardner RC → Atkinson RG
Geiger HH → Flehinghaus T
Gigot C → Lepetit M
Given NK → Ledger SE
Godoy-Hernández G, Loyola-Vargas VM: Effect of fungal homogenate, enzyme inhibitors and osmotic stress on alkaloid content of *Catharanthus roseus* cell suspension cultures 537
Gogala N → Vilhar B
Goldfarb B, Howe GT, Bailey LM, Strauss SH, Zaerr JB: A liquid cytokinin pulse induces adventitious shoot formation from Douglas-fir cotyledons 156
Goldfarb B, Strauss SH, Howe GT, Zaerr JB: Transient gene expression of microprojectile-introduced DNA in Douglas-fir cotyledons 517
Gould J, Banister S, Hasegawa O, Fahima M, Smith RH: Regeneration of *Gossypium hirsutum* and *G. barbadense* from shoot apex tissues for transformation 12
Gulati A → Jaiwal PK
Guri A, Dunbar LJ, Sink KC: Somatic hybridization between selected *Lycopersicon* and *Solanum* species 76

Haaß D, Abou-Mandour AA, Blaschek W, Franz G, Czygan FC: The influence of phytohormones on growth, organ differentiation and fructan production in callus of *Symphytum officinale* L. 421
Hagio T, Blowers AD, Earle ED: Stable transformation of sorghum cell cultures after bombardment with DNA-coated microprojectiles 260
Hahne G → Lepetit M
Haley L → Newell CA
Hamill JD, Rounsley S, Spencer A, Tood G, Rhodes MJC: The use of the polymerase chain reaction in plant transformation studies 221
Hara M, Kobayashi Y, Fukui H, Tabata M: Enhancement of berberine production by spermidine in *Thalictrum minus* cell suspension cultures 494
Hartnoll J → Robbins MP
Hasegawa O → Gould J
Hasegawa PM → Casas AM
Hatanaka T, Arakawa O, Yasuda T, Uchida N, Yamaguchi T: Effect of plant growth regulators on somatic embryogenesis in leaf cultures of *Coffea canephora* 179
Hensgens LAM → Meijer EGM
Hepburn A → Dhir SK
Hinchee MA → Newell CA
Hocher V, Sotta B, Maldiney R, Miginiac E: Changes in abscisic acid and its β-D-glucopyranosyl ester levels during tomato (*Lycopersicon esculentum* Mill.) seed development 444
Höhl U → Weidemann C
Horikoshi K → Toyoda H
Horsch RB → Newell CA
Howe GT → Goldfarb B
Hsiao Ke-Ch → Schenk N
Hu J, Quiros CF: Identification of broccoli and cauliflower cultivars with RAPD markers 505
Hung C-Y → Kao Y-Y

Iborra JL → Río JA del
Ichikawa H → Uematsu C
Ikeda S → Toyoda H
Imamura J → Uematsu C
Inoue M → Masuda K
Iren F van → Meijer EGM

Jähne A, Lazzeri PA, Lörz H: Regeneration of fertile plants from protoplasts derived from embryogenic cell suspensions of barley (*Hordeum vulgare* L.) 1
Jaiwal PK, Gulati A: In vitro high frequency plant regeneration of a tree legume-*Tamarindus indica* (L.) 569
Jalonen P, Arnold S von: Characterization of embryogenic cell lines of *Picea abies* in relation to their competence for maturation 384
Jimenez MA → Corchete MP
Jones B → Kumar V

Kamada H → Shimomura K
Kaniewski W → Newell CA
Kanno T → Tabei Y
Kao Y-Y, Hung C-Y, To K-Y, Chen C-C: Mendelian inheritance of streptomycin resistance in *Nicotiana plumbaginifolia* 388
Kennedy AH, Chamberlain D, Wilson G, Ryan MF: Volatiles identified from five stages of embryo development separated from a heterogeneous suspension culture of *Daucus carota* 435
Khadeer MA → Rajendra Prasad B
Kieft H → Emons AMC
Kishima Y, Nozaki K, Akashi R, Adachi T: Light-inducible pigmentation in *Portulaca* callus; selection of a high betalain producing cell line 304
Kobayashi Y → Hara M
Komamine A → Minocha R
Konzak CF → Zhou H
Kott L → Senaratna T
Kuehn GD → Bagga S
Kumar V, Jones B, Davey MR: Transformation by *Agrobacterium rhizogenes* and regeneration of transgenic shoots of the wild soybean *Glycine argyrea* 135

Kumar V, Laouar L, Davey MR, Mulligan BJ, Lowe KC: Effects of Pluronic F-56 on callus growth and protoplast plating efficiency of *Solanum dulcamara* 52
Kwa SH, Wee YC, Loh CS: Production of aposporous gametophytes and calli from *Pteris vitata* L. pinnae strips cultured *in vitro* 392

Lacorte C, Mansur E, Timmerman B, Cordeiro AR: Gene transfer into peanut (*Arachis hypogaea* L.) by *Agrobacterium tumefaciens* 354
Lakshmana Rao PV, Singh B: Plantlet regeneration from encapsulated somatic embryos of hybrid *Solanum melongena* L. 7
Langridge P, Lazzeri P, Lörz H: A segment of rye chromosome 1 enhances growth and embryogenesis of calli derived from immature embryos of wheat 148
Laouar L → Kumar V
Latche A → Chraibi BKM
Latche A → Chraibi Khalid BM
Lawson EC → Newell CA
Lazzeri P → Langridge P
Lazzeri PA → Jähne A
Ledger SE, Deroles SC, Given NK: Regeneration and *Agrobacterium*-mediated transformation of chrysanthemum 195
Ledüc C, Ruhnau P, Leistner E: Isochorismate hydroxymutase from *Rubiaceae* cell suspension cultures 334
Lee JM → Gao J
Leistner E → Ledüc C
Lepetit M, Ehling M, Gigot C, Hahne G: An internal standard improves the reliability of transient expression studies in plant protoplasts 401
Levi A, Sink KC: Somatic embryogenesis in asparagus: the role of explants and growth regulators 71
Lijsebettens M van → Trypsteen M
Liu JR → Arya S
Liu JR → Min SR
Locatelli F → Borrelli GM
Lörz H → Jähne A
Lörz H → Langridge P
Loh CS → Kwa SH
Lowe KC → Kumar V
Loyola-Vargas VM → Godoy-Hernández G
Lu C-Y → Nugent G
Lupotto E → Borrelli GM

Macháčková I → Cvikrová M
Maldiney R → Hocher V
Mallick R → Sinha RK
Mancini M → Carrier D-J
Mansur E → Lacorte C
Manteuffel R → Tewes A
Mariotti D → Rugini E
Márton L, Browse J: Facile transformation of *Arabidopsis* 235
Masuda K, Takahashi S, Nomura K, Inoue M: A simple procedure for the isolation of pure nuclei from carrot embryos in synchronized cultures 329
Matsuda Y → Toyoda H
McHughen A → Dong J-Z
McHughen A → Warkentin TD
McKersie BD → Senaratna T
McKinley CR → Chang S
Meijer EGM, Iren F van, Schrijnemakers E, Hensgens LAM, Zijderveld M van, Schilperoort RA: Retention of the capacity to produce plants from protoplasts in cryopreserved cell lines of rice (*Oryza sativa* L.) 171
Mencuccini M → Rugini E
Meravý L → Cvikrová M
Merkle SA → Sotak RJ
Mestdagh MM → Pochet B
Meyer M Jr → Burkhart LF
Miginiac E → Hocher V
Miller AR → Owen HR
Min SR, Yang SG, Liu JR, Choi PS, Soh WY: High frequency somatic embryogenesis and plant regeneration in tissue cultures of *Codonopsis lanceolata* 621
Minocha R, Minocha SC, Komamine A, Shortle WC: Regulation of DNA synthesis and cell division by polyamines in *Catharanthus roseus* suspension cultures 126
Minocha SC → Minocha R
Minocha SC → Primich-Zachwieja S
Mizukami H, Ellis BE: Rosmarinic acid formation and differential expression of tyrosine aminotransferase isoforms in *Anchusa officinalis* cell suspension cultures 321
Mohan Ram HY → Pillai KG
Mok DWS → Dolcet-Sanjuan R
Mok MC → Dolcet-Sanjuan R
Montagu M van → Trypsteen M
Montané M-H → Rouan D
Moran M → Corchete MP
Moreau B → Pochet B
Morita M → Toyoda H
Morris P → Robbins MP
Mukhopadhyay A, Pradhan AK, Pental D: Mitochondrial DNA patterns are similar in gametosomatic and somatic hybrids of two *Nicotiana* species 522
Mukhopadhyay A, Töpfer R, Pradhan AK Sodhi YS, Steinbiß H-H, Schell J, Pental D: Efficient regeneration of *Brassica oleracea* hypocotyl protoplasts and high frequency genetic transformation by direct DNA uptake 375
Mulligan BJ → Kumar V
Muñoz R → Zapata JM
Murase M → Uematsu C
Mutschler MA → Walters TW

Nayak P, Sen SK: Plant regeneration through somatic embryogenesis from suspension culture-derived protoplasts of *Paspalum scrobiculatum* L. 362
Nef C, Rio B, Chrestin H: Induction of catharanthine synthesis and stimulation of major indole alkaloids production by *Catharanthus roseus* cells under non-growth-altering treatment with *Pythium vexans* extracts 26
Nemec M → Vilhar B
Neuenschwander B, Baumann TW: A novel type of somatic embryogenesis in *Coffea arabica* 608
Neufeld R → Carrier D-J
Newell CA, Rozman R, Hinchee MA, Lawson EC, Haley L, Sanders P, Kaniewski W, Tumer NE, Horsch RB, Fraley RT: *Agrobacterium*-mediated transformation of *Solanum tuberosum* L. cv. 'Russet Burbank' 30
Newton RJ → Chang S
Nishimura S → Saito T
Nishio T → Tabei Y
Nishizawa S → Saito T
Nomura K → Masuda K
Norris BL → Finer JJ
Nozaki K → Kishima Y
Nugent G, Wardley-Richardson T, Lu C-Y: Plant regeneration from stem and petal of carnation (*Dianthus caryophyllus* L.) 477

O'Connell MA → Bonnema AB
Okubo H, Wada K, Uemoto S: In vitro morphogenic response and distribution of endogenous plant hormones in hypocotyl segments of snapdragon (*Antirrhinum majus* L.) 501
Ortuño A → Río JA del
Ouchi S → Toyoda H
Owen HR, Wengerd D, Miller AR: Culture medium pH is influenced by basal medium, carbohydrate source, gelling agent, activated charcoal, and medium storage method 583

Pal A, Roy A: Embryo culture of *Costus speciosus* (Koen.) Sm. to regenerate variable diosgenin yielding clones 565
Pal A → Roy A
Pannetier C → Touchet B de
Parr AJ → Furze JM
Parrott WA: Auxin-stimulated somatic embryogenesis from immature cotyledons of white clover 17
Payne GF → Tate JL
Pellegrineschi A → Rugini E
Pena M de → Acuna JR
Pence VC: Cryopreservation of immature embryos of *Theobroma cacao* 144
Pental D → Mukhopadhyay A
Percival FW, Cass LG, Bozak KR, Christoffersen RE: Avocado fruit protoplasts: a cellular model system for ripening studies 512
Petersen WL, Sulc S, Armstrong CL: Effect of nurse cultures on the production of macro-calli and fertile plants from maize embryogenic suspension culture protoplasts 591
Peterson G, Smith R: Effect of abscisic acid and callus size on regeneration of american and international rice varieties 35
Phillips GC → Bagga S
Piccirilli M, Arcioni S: Haploid plants regenerated *via* anther culture in wild barley (Hordeum spontaneum C. Kock.) 273
Pillai KG, Usha Rao I, Rao IVR, Mohan Ram HY: Induction of division and differentiation of somatic embryos in the leaf epidermis of *Gaillardia picta* 599
Pitel JA → Eastman PAK
Pochet B, Scoman V, Mestdagh MM, Moreau B, Andre P: Influence of agar gel properties on the *in vitro* micropropagation of different clones of *Thuja plicata* 406

Pradhan AK → Mukhopadhyay A
Primich-Zachwieja S, Minocha SC: Induction of virulence response in *Agrobacterium tumefaciens* by tissue explants of various plant species 545
Pua E-C → Barfield DG

Quiros CF → Hu J
Qureshi JA → Slimmon T

Rahnema S → Finer JJ
Rajendra Prasad B, Khadeer MA, Seeta P, Anwar SY: *In vitro* induction of androgenic haploids in Safflower (*Carthamus tinctorius* L.) 48
Rao IVR → Pillai KG
Ravnikar M → Vilhar B
Reed BM: Application of gas-permeable bags for *in vitro* cold storage of strawberry germplasm 431
Reed BM: Micropropagation of meadowfoam (*Limnanthes* spp.) 94
Revilla MA → Arroyo R
Rhodes MJC → Furze JM
Rhodes MJC → Hamill JD
Ricci A → Branca C
Rines HW → Bregitzer P
Rio B → Nef C
Río JA del, Ortuño A, García Puig D, Iborra JL, Sabater F: Accumulation of the sesquiterpenes nootkatone and valencene by callus cultures of *Citrus paradisi*, *Citrus limonia* and *Citrus aurantium* 410
Robbins MP, Hartnoll J, Morris P: Phenylpropanoid defence responses in transgenic *Lotus corniculatus*. 1. Glutathione elicitation of isoflavan phytoalexins in transformed root cultures 59
Roberts DR → Eastman PAK
Robins RJ → Furze JM
Ros Barceló A → Zapata JM
Rouan D, Montané M-H, Alibert G, Teissié J: Relationship between size and critical field strength in protoplast electropulsing and application to reliable DNA uptake in *Brassica* 139
Rounsley S → Hamill JD
Roustan J-P → Chraibi BKM
Roustan J-P → Chraibi Khalid BM
Roy A, Pal A: Propagation of *Costus speciosus* (Koen.) Sm. through *in vitro* rhizome production 525
Roy A → Pal A
Rozman R → Newell CA
Rueda J → Vázquez AM
Rugini E, Pellegrineschi A, Mencuccini M, Mariotti D: Increase of rooting ability in the woody species kiwi (*Actinidia deliciosa* A. Chev.) by transformation with *Agrobacterium rhizogenes rol* genes 291
Ruhnau P → Ledüc C
Ryan MF → Kennedy AH

Sabater F → Río JA del
Saga H → Shimomura K
Saha T, Sen SK: Somatic embryogenesis in protoplast derived calli of cultivated jute, *Corchorus capsularis* L. 633
Saito T, Nishizawa S, Nishimura S: Improved culture conditions for somatic embryogenesis from *Asparagus officinalis* L. using an aseptic ventilative filter 230
Salinas C → Zapata JM
Sanders P → Newell CA
Sangwan RS, Ducrocq C, Sangwan-Norreel BS: Effect of culture conditions on *Agrobacterium*-mediated transformation in datura 90
Sangwan-Norreel BS → Sangwan RS
Saxena PK → Slimmon T
Saxton RW → Finer JJ
Schara M → Vilhar B
Schell J → Mukhopadhyay A
Schenk N, Hsiao Ke-Ch, Bornman CH: Avoidance of precipitation and carbohydrate breakdown in autoclaved plant tissue culture media 115
Schilperoort RA → Meijer EGM
Schlarbaum SE → Austin Burns J
Schmid JE → Büter B
Schrijnemakers E → Meijer EGM
Schwarz OJ → Austin Burns J
Scoman V → Pochet B
Sederoff RR → Stomp A-M
Seeta P → Rajendra Prasad B
Sen S → Chang S
Sen SK → Nayak P
Sen SK → Saha T
Senaratna T, Kott L, Beversdorf WD, McKersie BD: Desiccation of microspore derived embryos of oil-seed rape (*Brassica napus* L.) 342
Sendino AM → Vázquez AM
Severen R van → Trypsteen M
Shabtai S → Barg R
Shang Xaiomin → Trolinder NL
Sharma N, Chandel KPS, Srivastava VK: In vitro propagation of *Coleus forskohlii* Briq., a threatened medicinal plant 67
Shimomura K, Sudo H, Saga H, Kamada H: Shikonin production and secretion by hairy root cultures of *Lithospermum erythrorhizon* 282
Shortle WC → Minocha R
Siah CL, Doran PM: Enhanced codeine and morphine production in suspended *Papaver somniferum* cultures after removal of exogenous hormones 349
Simon PW → Feirer RP
Singh B → Lakshmana Rao PV
Sinha RK, Mallick R: Plantlets from somatic callus tissue of the woody legume *Sesbania bispinosa* (Jacq.) W. F. Wight 247
Sink KC → Guri A
Sink KC → Levi A
Slimmon T, Qureshi JA, Saxena PK: Phenylacetic acid-induced somatic embryogenesis in cultured hypocotyl explants of geranium (*Pelargonium* × *hortorum* Bailey) 587
Smith R → Peterson G
Smith RH → Gould J
Sodhi YS → Mukhopadhyay A
Soh WY → Min SR
Soltes EJ → Valluri JV
Somers DA → Bregitzer P
Sommer HE → Sotak RJ
Sora S → Balestrazzi A
Sotak RJ, Sommer HE, Merkle SA: Relation of the developmental stage of zygotic embryos of yellow-poplar to their somatic embryogenic potential 175
Sotta B → Hocher V
Spencer A → Hamill JD
Srinivasan C → Zhong H
Srivastava VK → Sharma N
Stamp P → Büter B
Steele JA → Finer JJ
Steinbiß H-H → Mukhopadhyay A
Stephens CT → Dunbar KB
Sticklen MB → Zhong H
Stomp A-M, Weissinger A, Sederoff RR: Transient expression from microprojectile-mediated DNA transfer in *Pinus taeda* 187
Strauss SH → Goldfarb B
Sturtevant AP → Dhir SK
Sudo H → Shimomura K
Sulc S → Petersen WL

Tabata M → Hara M
Tabei Y, Kanno T, Nishio T: Regulation of organogenesis and somatic embryogenesis by auxin in melon, *Cucumis melo* L. 225
Takahashi S → Masuda K
Tamai T → Toyoda H
Tate JL, Payne GF: Plant cell growth under different levels of oxygen and carbon dioxide 22
Taylor MG, Vasil IK: Histology of, and physical factors affecting, transient GUS expression in pearl millet (*Pennisetum glaucum* (L.) R. Br.) embryos following microprojectile bombardment 120
Teissié J → Rouan D
Tenhaken R → Weidemann C
Tepper T, Ziv M, Ashri A: A simple rapid photometric estimation of the growth response of immobilized cells to fusaric acid and gamma radiation 481
Tewes A, Manteuffel R, Adler K, Weber E, Wobus U: Long-term cultures of barley synthesize and correctly deposit seed storage proteins 467
Threlfall DR → Furze JM
Tiainen T: The role of ethylene and reducing agents on anther culture response of tetraploid potato (*Solanum tuberosum* L.) 604
Timmerman B → Lacorte C
To K-Y → Kao Y-Y
Töpfer R → Mukhopadhyay A
Tood G → Hamill JD
Touchet B de, Duval Y, Pannetier C: Plant regeneration from embryogenic suspension cultures of oil palm (*Elaeis guineensis* Jacq.) 529
Toyoda H, Horikoshi K, Yamano Y, Ouchi S: Selection for Fusarium wilt disease resistance from regenerants derived from leaf callus of strawberry 167
Toyoda H, Matsuda Y, Yamaga T, Ikeda S, Morita M, Tamai T, Ouchi S: Suppression of the powdery mildew pathogen by chitinase microinjected barley coleoptile epidermal cells 217
Treat WJ → Valluri JV
Trémouillaux-Guiller J, Chénieux J-C: Somatic embryogenesis from leaf proto-

plasts of *Rauvolfia vomitoria* shoot cultures 102
Trigiano RN → Weaver LA
Trolinder NL, Shang Xaiomin: In vitro selection and regeneration of cotton resistant to high temperature stress 448
Trypsteen M, Lijsebettens M van, Severen R van, Montagu M van: *Agrobacterium rhizogenes*-mediated transformation of *Echinacea purpurea* 85
Tumer NE → Newell CA

Uchida N → Hatanaka T
Uematsu C, Murase M, Ichikawa H, Imamura J *Agrobacterium*-mediated transformation and regeneration of kiwi fruit 286
Uemoto S → Okubo H
Unander DW: Callus induction in *Phyllanthus* species and inhibition of viral DNA polymerase and reverse transcriptase by callus extracts 461
Usha Rao I → Pillai KG

Valluri JV, Treat WJ, Soltes EJ: Bioreactor culture of heterotrophic sandalwood (*Santalum album* L.) cell suspensions utilizing a cell-lift impeller 366
Vasil IK → Taylor MG
Vázquez AM, Espino FJ, Rueda J, Candela M, Sendino AM: A comparative study of somatic embryogenesis in *Secale vavilovii* 265
Velcheva M → Denchev P
Vergne P → Gaillard A
Verhoeven HA, Blaas J: Direct cell to cell transfer of organelles by microinjection 613
Vilhar B, Ravnikar M, Schara M, Nemec M, Gogala N: The influence of jasmonic acid on biophysical properties of potato leaf protoplasts and roots 541

Wada K → Okubo H
Walters TW, Mutschler MA, Earle ED: Protoplast fusion-derived Ogura male sterile cauliflower with cold tolerance 624
Wardley-Richardson T → Nugent G
Warkentin TD, McHughen A: Crown gall transformation of lentil (*Lens culinaris* Medik.) with virulent strains of *Agrobacterium tumefaciens* 489
Weaver LA, Trigiano RN: Regeneration of *Cladrastis lutea* (Fabaceae) via somatic embryogenesis 183
Weber E → Tewes A
Weber M → Carrier D-J
Webster FB → Eastman PAK
Wee YC → Kwa SH
Weidemann C, Tenhaken R, Höhl U, Barz W: Medicarpin and maackiain 3-O-glucoside-6′-O-malonate conjugates are constitutive compounds in chickpea (*Cicer arietinum* L.) cell cultures 371
Weissinger A → Stomp A-M
Wengerd D → Owen HR
Whitehead IM → Furze JM
Widholm JM → Dhir SK
Wilson G → Kennedy AH
Winicov I: Characterization of salt tolerant alfalfa (*Medicago sativa* L.) plants regenerated from salt tolerant cell lines 561
Wittmer G → Borrelli GM
Wobus U → Tewes A
Wolyn DJ → Feng XR
Wozniewski T, Blaschek W, Franz G: In vitro propagation of *Lilium testaceum* and structural investigation of the storage β-1,4-glucomannan 457
Wrather JA, Freytag AH: Selection of atrazine tolerant soybean calli and expression of that tolerance in regenerated plants 44

Yamaga T → Toyoda H
Yamaguchi T → Hatanaka T
Yamano Y → Toyoda H
Yang SG → Min SR
Yasuda T → Hatanaka T
Ye G-N, Earle ED: Effect of cellulases on spontaneous fusion of maize protoplasts 213

Zaerr JB → Goldfarb B
Zapata JM, Salinas C, Calderón AA, Muñoz R, Ros Barceló A: Reduction of 2,3,5-triphenyltetrazolium chloride by the KCN-insensitive, salicylhydroxamic acid-sensitive alternative respiratory pathway of mitochondria from cultured grapevine cells 579
Zheng Y → Zhou H
Zhong H, Srinivasan C, Sticklen MB: Plant regeneration via somatic embryogenesis in creeping bentgrass (*Agrostis palustris* Huds.) 453
Zhou H, Zheng Y, Konzak CF: Osmotic potential of media affecting green plant percentage in wheat anther culture 63
Zijderveld M van → Meijer EGM
Ziv M → Tepper T

Erratum 430, 590

Indexed in *Current Contents/Agriculture, Biology and Environmental Sciences*